

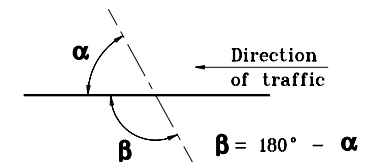
β	U	S	M	X	Y	N	L							TOTAL APPROACH AREA A							Hatched shoulder area	Comp-Agr-B shoulder area	β
							TYPE A			TYPE B				TYPE A			TYPE B						
							W=6.0	W=6.6	W=7.2	W=6.0	W=6.6	W=7.2	Z	W=6.0	W=6.6	W=7.2	W=6.0	W=6.6	W=7.2				
m	m	m	m	m	m	m	m <sup>2</sup>	m <sup>2</sup>	m <sup>2</sup>	m <sup>2</sup>	m <sup>2</sup>	m <sup>2</sup>	m <sup>2</sup>										
110	16.77	19.88	3.55	5.68	10.12	1.13	33.18	33.29	33.41	33.18	33.29	33.41	3.57	444.13	465.04	419.32	539.33	560.30	581.41	93.98	43.98	110	
109	16.38	19.52	3.48	5.89	10.28	1.18	32.76	32.86	32.97	32.76	32.86	32.97	3.54	438.87	459.55	480.35	534.73	555.40	576.20	94.06	42.64	109	
108	16.00	19.17	3.41	6.10	10.45	1.23	32.35	32.45	32.54	32.35	32.45	32.54	3.53	433.84	454.21	474.72	530.35	550.74	571.24	94.14	41.39	108	
107	15.64	18.82	3.33	6.32	10.62	1.27	31.94	32.03	32.13	31.94	32.03	32.13	3.51	429.01	449.11	469.32	526.22	546.31	566.35	94.14	40.13	107	
106	15.27	18.48	3.26	6.53	10.79	1.32	31.55	31.64	31.85	31.55	31.64	31.72	3.49	424.40	444.22	464.14	522.29	542.10	562.03	94.31	38.80	106	
105	14.92	18.15	3.19	6.75	10.97	1.37	31.16	31.25	31.32	31.16	31.25	31.32	3.47	420.00	439.54	459.19	518.57	538.12	557.76	94.40	37.71	105	
104	14.57	17.83	3.12	6.97	11.14	1.42	30.78	30.86	30.94	30.78	30.86	30.94	3.46	415.79	435.06	454.44	515.07	534.35	553.72	94.40	36.45	104	
103	14.23	17.52	3.04	7.20	11.33	1.47	30.42	30.49	30.56	30.42	30.49	30.56	3.44	411.78	430.79	449.87	511.78	530.78	549.89	94.48	35.28	103	
102	13.90	17.22	2.97	7.42	11.51	1.52	30.05	30.12	30.18	30.05	30.12	30.18	3.43	407.95	426.70	445.54	508.67	527.43	546.26	94.56	34.11	102	
101	13.58	16.91	2.91	7.65	11.70	1.57	29.70	29.76	29.82	29.70	29.76	29.82	3.42	404.31	422.81	441.39	505.77	524.27	542.84	94.56	32.94	101	
100	13.26	16.62	2.84	7.88	11.89	1.63	29.35	29.40	29.46	29.35	29.40	29.46	3.40	400.84	419.10	437.41	503.05	521.30	539.62	94.56	31.69	100	
99	12.94	16.34	2.77	8.12	12.09	1.68	29.01	29.06	29.11	29.01	29.06	29.11	3.40	397.56	415.57	433.63	500.51	518.52	536.59	94.65	30.35	99	
98	12.64	16.06	2.70	8.35	12.29	1.73	28.68	28.72	28.76	28.68	28.72	28.76	3.39	394.45	412.21	430.04	498.17	515.94	533.76	94.65	29.18	98	
97	12.34	15.78	2.64	8.59	12.49	1.79	28.38	28.39	28.43	28.35	28.39	28.43	3.38	391.50	409.04	426.61	496.00	513.54	531.12	94.65	28.00	97	
96	12.04	15.51	2.57	8.84	12.70	1.84	28.03	28.06	28.10	28.03	28.06	28.09	3.37	388.73	406.03	423.37	494.02	511.33	528.66	94.73	27.09	96	
95	11.78	15.25	2.51	9.08	12.91	1.90	27.71	27.74	27.77	27.71	27.74	27.77	3.36	386.11	403.18	420.29	492.21	509.29	526.39	94.73	25.92	95	
94	11.46	15.00	2.44	9.33	13.12	1.95	27.40	27.42	27.44	27.40	27.42	27.44	3.36	383.66	400.51	417.38	490.57	507.42	524.29	94.73	24.58	94	
93	11.18	14.75	2.38	9.58	13.34	2.01	27.10	27.12	27.13	27.10	27.12	27.13	3.36	381.36	398.00	414.63	489.11	505.74	522.39	94.81	23.41	93	
92	10.90	14.50	2.32	9.84	13.56	2.07	26.80	26.81	26.82	26.80	26.81	26.82	3.36	379.23	395.63	412.06	487.82	504.23	520.65	94.81	22.41	92	
91	10.63	14.26	2.25	10.10	13.79	2.13	26.51	26.51	26.51	27.12	27.11	27.11	3.35	377.25	393.44	409.64	490.43	506.92	523.41	94.81	23.33	91	
90	10.36	14.02	2.19	10.36	14.02	2.19	26.21	26.21	26.21	27.43	27.43	27.43	3.35	375.42	391.40	407.37	493.17	509.90	526.62	94.81	24.50	90	
89	10.10	13.79	2.13	10.63	14.26	2.25	25.93	25.92	25.92	27.76	27.76	27.76	3.35	373.75	389.51	405.27	496.08	513.04	530.00	94.81	25.58	89	
88	9.84	13.56	2.07	10.90	14.50	2.32	25.65	25.64	25.63	28.08	28.09	28.10	3.36	372.21	387.78	403.33	499.18	516.36	533.57	94.73	26.76	88	
87	9.58	13.34	2.01	11.18	14.75	2.38	25.37	25.36	25.34	28.41	28.43	28.45	3.36	370.84	386.20	401.55	502.44	519.86	537.31	94.73	27.93	87	
86	9.33	13.12	1.95	11.46	15.00	2.44	25.39	25.41	25.43	28.75	28.77	28.79	3.36	371.40	386.94	402.67	505.87	523.55	541.24	94.73	29.10	86	
85	9.08	12.91	1.90	11.78	15.25	2.51	25.73	25.76	25.78	29.10	29.12	29.15	3.36	374.03	389.89	405.79	509.49	527.41	545.36	94.73	30.27	85	
84	8.84	12.70	1.84	12.04	15.51	2.57	26.08	26.11	26.14	29.45	29.48	29.51	3.37	376.82	392.93	409.08	513.30	531.47	549.67	94.73	31.44	84	
83	8.59	12.49	1.79	12.34	15.78	2.64	26.43	26.46	26.50	29.80	29.84	29.88	3.38	379.79	396.41	412.54	517.30	535.71	554.18	94.73	32.61	83	
82	8.35	12.29	1.73	12.64	16.06	2.70	26.78	26.83	26.87	30.17	30.21	30.25	3.39	382.89	399.51	416.17	521.48	540.15	558.87	94.73	33.78	82	
81	8.12	12.09	1.68	12.94	16.34	2.77	27.14	27.19	27.24	30.54	30.59	30.64	3.40	386.18	403.04	419.97	528.85	544.79	563.78	94.65	34.95	81	
80	7.88	11.89	1.63	13.26	16.62	2.84	27.51	27.57	27.62	30.92	30.97	31.02	3.40	389.62	406.75	423.95	530.42	549.63	568.90	94.65	36.12	80	
79	7.65	11.70	1.57	13.58	16.91	2.91	27.89	27.94	28.00	31.36	31.30	31.42	3.42	393.25	410.65	428.12	535.20	554.67	574.22	94.56	37.29	79	
78	7.42	11.51	1.52	13.90	17.22	2.97	28.27	28.33	28.40	31.69	31.76	31.82	3.43	397.06	414.72	432.46	540.18	559.93	579.76	94.48	38.54	78	
77	7.20	11.33	1.47	14.23	17.52	3.04	28.65	28.72	28.79	32.10	32.17	32.24	3.44	401.04	418.98	437.00	545.79	565.40	585.53	94.48	39.71	77	
76	6.97	11.14	1.42	14.57	17.83	3.12	29.05	29.13	29.20	32.50	32.58	32.66	3.46	405.22	423.43	441.75	550.78	571.11	591.52	94.48	40.97	76	
75	6.75	10.97	1.37	14.92	18.15	3.19	29.45	29.54	29.62	32.92	33.00	33.09	3.47	409.58	428.07	446.68	556.42	577.04	597.76	94.40	42.22	75	
74	6.53	10.79	1.32	15.27	18.48	3.26	29.86	29.95	30.04	33.35	33.44	33.53	3.49	414.14	432.92	451.82	562.29	583.21	604.23	94.31	43.48	74	
73	6.32	10.62	1.27	15.64	18.82	3.33	30.28	30.38	30.47	33.79	33.88	33.98	3.51	418.89	437.98	457.18	568.40	589.63	610.95	94.31	44.73	73	
72	6.10	10.45	1.23	16.00	19.17	3.41	30.71	30.81	30.91	34.24	34.34	34.44	3.53	423.87	443.25	462.76	574.75	596.29	617.94	94.23	45.99	72	
71	5.89	10.28	1.18	16.38	19.52	3.48	31.15	31.25	31.36	34.70	34.80	34.91	3.54	429.05	448.74	468.57	581.36	603.21	625.91	94.14	47.32	71	
70	5.68	10.12	1.13	16.77	19.88	3.55	31.60	31.71	31.82	35.16	35.27	35.39	3.57	434.45	454.46	474.60	588.23	610.41	632.73	94.06	48.58	70	

**LEGEND**

**α** = ANGLE OF TURN

The angle through which a vehicle travels on the public road approach toward making a right hand turn. It is measured from the extension of the tangent on which a vehicle approaches the intersecting road to the corresponding tangent on the intersecting road to which the vehicle turns.

**β** = INTERSECTION CONTROL ANGLE



**NOTES :**

1. See Standard Drawing 610-PRAP-02 for public road approach type A.
2. See Standard Drawing 610-PRAP-03 for public road approach type B.
3. See Standard Drawing 610-PRAP-04 for General Notes.

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION  
**PUBLIC ROAD APPROACH TYPE A & TYPE B - TABLE OF VALUE**  
 SEPTEMBER 2001  
 STANDARD DRAWING NO. 610-PRAP-05

Anthony L. Uremovich  
 No. 18095  
 STATE OF INDIANA  
 PROFESSIONAL ENGINEER

/s/ Anthony L. Uremovich 9-04-01  
 DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 9-04-01  
 CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER